

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D080823S.M
 Title : SW846 8260
 Last Update : Wed Aug 09 07:25:36 2023
 Response Via : Initial Calibration

Calibration Files

5 =VD076949.D 10 =VD076950.D 20 =VD076951.D 50 =VD076952.D 100 =VD076953.D 150 =VD076954.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.388	0.353	0.305	0.249	0.244	0.251	0.298	20.59
3) P	Chloromethane	0.495	0.499	0.437	0.406	0.362	0.346	0.424	15.32
4) C	Vinyl Chloride	0.722	0.718	0.628	0.582	0.553	0.546	0.625	12.64#
5) T	Bromomethane	0.695	0.644	0.576	0.486	0.495	0.497	0.565	15.61
6) T	Chloroethane	0.615	0.588	0.521	0.470	0.450	0.438	0.513	14.47
7) T	Trichlorofluor...	0.825	0.789	0.684	0.599	0.592	0.596	0.681	15.34
8) T	Diethyl Ether	0.240	0.256	0.218	0.204	0.202	0.195	0.219	10.93
9) T	1,1,2-Trichlor...	0.604	0.525	0.460	0.409	0.394	0.406	0.466	17.84
10) T	Methyl Iodide	0.438	0.479	0.421	0.457	0.457	0.442	0.449	4.39
11) T	Tert butyl alc...	0.039	0.036	0.033	0.026	0.025	0.025	0.031	20.76
12) CM	1,1-Dichloroet...	0.457	0.434	0.373	0.349	0.342	0.341	0.383	13.19#
13) T	Acrolein	0.016	0.020	0.018	0.008	0.008	0.008	0.013	42.82
14) T	Allyl chloride	0.537	0.509	0.471	0.449	0.439	0.415	0.470	9.70
15) T	Acrylonitrile	0.120	0.122	0.116	0.102	0.097	0.097	0.109	10.47
16) T	Acetone	0.120	0.112	0.091	0.079	0.076	0.068	0.091	23.03
17) T	Carbon Disulfide	0.692	0.694	0.628	0.639	0.623	0.611	0.648	5.54
18) T	Methyl Acetate	0.429	0.428	0.384	0.342	0.315	0.311	0.368	14.53
19) T	Methyl tert-bu...	1.194	1.204	1.089	1.028	0.994	0.972	1.080	9.25
20) T	Methylene Chlo...	1.736	1.200	0.850	0.556	0.488	0.455	0.881	57.35
21) T	trans-1,2-Dich...	0.490	0.495	0.443	0.403	0.401	0.390	0.437	10.67
22) T	Diisopropyl ether	1.284	1.404	1.259	1.206	1.136	1.076	1.228	9.43
23) T	Vinyl Acetate	0.604	0.620	0.576	0.569	0.552	0.534	0.576	5.50
24) P	1,1-Dichloroet...	1.035	0.985	0.908	0.829	0.773	0.734	0.878	13.61
25) T	2-Butanone	0.165	0.157	0.133	0.117	0.112	0.108	0.132	18.30
26) T	2,2-Dichloropr...	1.002	0.928	0.797	0.708	0.680	0.664	0.797	17.62
27) T	cis-1,2-Dichlo...	0.648	0.703	0.611	0.566	0.544	0.528	0.600	11.18
28) T	Bromochloromet...	0.440	0.456	0.464	0.410	0.385	0.361	0.419	9.84
29) T	Tetrahydrofuran	0.081	0.087	0.073	0.070	0.067	0.065	0.074	11.71
30) C	Chloroform	1.103	1.180	1.032	0.954	0.884	0.853	1.001	12.73#
31) T	Cyclohexane	0.759	0.640	0.511	0.465	0.456	0.451	0.547	22.98
32) T	1,1,1-Trichlor...	0.941	0.923	0.838	0.752	0.744	0.731	0.822	11.40
33) S	1,2-Dichloroet...	0.404	0.508	0.446	0.366	0.332	0.311	0.394	18.76
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.268	0.314	0.309	0.248	0.241	0.234	0.269	12.99
36) T	1,1-Dichloropr...	0.369	0.352	0.324	0.311	0.316	0.322	0.332	6.88
37) T	Ethyl Acetate	0.199	0.176	0.132	0.131	0.142	0.140	0.153	18.23
38) T	Carbon Tetrach...	0.392	0.385	0.346	0.317	0.344	0.351	0.356	7.88
39) T	Methylcyclohexane	0.392	0.353	0.337	0.323	0.347	0.362	0.352	6.74
40) TM	Benzene	1.201	1.148	1.055	0.999	1.018	0.991	1.069	8.10
41) T	Methacrylonitrile	0.099	0.058	0.086	0.077	0.093	0.083	0.083	17.55
42) TM	1,2-Dichloroet...	0.314	0.321	0.292	0.269	0.269	0.263	0.288	8.64
43) T	Isopropyl Acetate	0.316	0.312	0.295	0.264	0.273	0.270	0.288	7.80
44) TM	Trichloroethene	0.329	0.320	0.304	0.266	0.276	0.275	0.295	8.99
45) C	1,2-Dichloropr...	0.325	0.319	0.297	0.257	0.268	0.262	0.288	10.37#
46) T	Dibromomethane	0.206	0.185	0.172	0.156	0.158	0.155	0.172	11.92
47) T	Bromodichlorom...	0.492	0.497	0.452	0.397	0.415	0.397	0.442	10.36
48) T	Methyl methacr...	0.133	0.138	0.128	0.125	0.116	0.121	0.127	6.40
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	17.46
50) S	Toluene-d8	0.854	1.002	0.997	0.775	0.784	0.768	0.863	12.72
51) T	4-Methyl-2-Pen...	0.176	0.170	0.164	0.144	0.149	0.150	0.159	8.14
52) CM	Toluene	0.759	0.738	0.694	0.658	0.676	0.686	0.702	5.54#
53) T	t-1,3-Dichloro...	0.412	0.414	0.388	0.357	0.372	0.369	0.385	6.12
54) T	cis-1,3-Dichlo...	0.490	0.484	0.446	0.410	0.429	0.421	0.447	7.48
55) T	1,1,2-Trichlor...	0.293	0.267	0.265	0.233	0.240	0.235	0.255	9.25
56) T	Ethyl methacry...	0.268	0.272	0.263	0.249	0.268	0.267	0.265	3.02

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57)	T	1,3-Dichloropr...	0.451	0.435	0.400	0.360	0.370	0.365	0.397	9.76
58)	T	2-Chloroethyl ...	0.109	0.112	0.108	0.084	0.090	0.094	0.100	11.66
59)	T	2-Hexanone	0.121	0.113	0.111	0.100	0.103	0.102	0.108	7.40
60)	T	Dibromochlorom...	0.343	0.333	0.304	0.286	0.294	0.289	0.308	7.82
61)	T	1,2-Dibromoethane	0.250	0.255	0.227	0.208	0.213	0.210	0.227	9.16
62)	S	4-Bromofluorob...	0.308	0.342	0.337	0.277	0.277	0.270	0.302	10.67
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.309	0.263	0.247	0.231	0.226	0.234	0.252	12.37
65)	PM	Chlorobenzene	1.015	0.967	0.882	0.805	0.819	0.819	0.885	9.97
66)	T	1,1,1,2-Tetrac...	0.403	0.385	0.336	0.324	0.318	0.329	0.349	10.23
67)	C	Ethyl Benzene	1.642	1.530	1.468	1.405	1.433	1.475	1.492	5.68#
68)	T	m/p-Xylenes	0.621	0.606	0.565	0.550	0.562	0.573	0.580	4.79
69)	T	o-Xylene	0.604	0.581	0.530	0.521	0.541	0.558	0.556	5.72
70)	T	Styrene	1.028	1.023	0.980	0.970	0.962	0.982	0.991	2.82
71)	P	Bromoform	0.227	0.211	0.186	0.174	0.179	0.183	0.194	10.89
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.487	3.264	3.074	2.964	3.021	3.068	3.146	6.20
74)	T	N-amyl acetate	0.740	0.668	0.634	0.574	0.573	0.572	0.627	10.85
75)	P	1,1,2,2-Tetrac...	0.799	0.807	0.736	0.624	0.600	0.594	0.693	14.33
76)	T	1,2,3-Trichlor...	0.586	0.538	0.446	0.478	0.384	0.382	0.469	17.54
77)	T	Bromobenzene	0.933	0.828	0.735	0.696	0.704	0.698	0.766	12.55
78)	T	n-propylbenzene	4.235	4.025	3.790	3.630	3.626	3.659	3.827	6.55
79)	T	2-Chlorotoluene	2.453	2.252	2.078	1.968	1.943	1.930	2.104	9.95
80)	T	1,3,5-Trimethy...	2.784	2.691	2.527	2.420	2.431	2.469	2.554	5.88
81)	T	trans-1,4-Dich...	0.243	0.221	0.192	0.181	0.176	0.184	0.200	13.27
82)	T	4-Chlorotoluene	2.474	2.363	2.220	2.082	2.041	2.034	2.202	8.34
83)	T	tert-Butylbenzene	2.596	2.456	2.227	2.190	2.256	2.327	2.342	6.66
84)	T	1,2,4-Trimethy...	2.821	2.772	2.569	2.449	2.478	2.526	2.602	6.02
85)	T	sec-Butylbenzene	3.834	3.778	3.490	3.272	3.387	3.466	3.538	6.27
86)	T	p-Isopropyltol...	3.119	3.027	2.844	2.751	2.832	2.958	2.922	4.70
87)	T	1,3-Dichlorobe...	1.808	1.713	1.584	1.462	1.476	1.485	1.588	9.04
88)	T	1,4-Dichlorobe...	1.878	1.776	1.573	1.445	1.405	1.424	1.583	12.66
89)	T	n-Butylbenzene	3.144	2.867	2.718	2.594	2.666	2.712	2.783	7.12
90)	T	Hexachloroethane	0.672	0.669	0.599	0.519	0.544	0.539	0.590	11.45
91)	T	1,2-Dichlorobe...	1.633	1.586	1.403	1.295	1.274	1.281	1.412	11.38
92)	T	1,2-Dibromo-3-...	0.122	0.102	0.097	0.081	0.081	0.083	0.094	17.14
93)	T	1,2,4-Trichlor...	1.098	0.915	0.813	0.789	0.805	0.820	0.873	13.57
94)	T	Hexachlorobuta...	0.550	0.479	0.414	0.377	0.401	0.399	0.437	15.00
95)	T	Naphthalene	2.160	1.784	1.693	1.616	1.675	1.730	1.776	11.04
96)	T	1,2,3-Trichlor...	0.952	0.799	0.750	0.718	0.723	0.730	0.779	11.53

(#) = Out of Range